



## XR130 Beam

PR-2133

This product manual contains important information about the safe installation and use of this projector. Please read and follow these instructions carefully and keep this manual in a safe place for future reference.

PR LIGHTING LTD.  
<http://www.pr-lighting.com>

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Please note that as part of our ongoing commitment to continuous product development, specifications are subject to change without notice. Whilst every care is taken in the preparation of this manual we reserve the right to change specifications in the course of product improvement. The publishers cannot be held responsible for the accuracy of the information herein, or any consequence arising from them.

Every unit is tested completely and packed properly by the manufacturer. Please make sure the packing and / or the unit are in good condition before installation and use. Should there be any damage caused by transportation, consult your dealer and do not use the unit. Any damage caused by improper use will not be assumed by the manufacturer and / or dealer.

## ACCESSORIES

These items are packed together with the projector:

| Name          | Quantity | Unit | Remark                   |
|---------------|----------|------|--------------------------|
| G clamps      | 2        | Pcs  |                          |
| XLR connector | 1        | pc   | without DMX cable        |
| Safety cord   | 1        | Pc   |                          |
| Power Cable   | 1        | pc   |                          |
| Power-Con     | 2        | Pcs  | Male and Female one each |
| User's manual | 1        | Pc   |                          |
| Ω clamps      | 2        | Pcs  | Optional                 |

## SAFE USAGE OF THE PROJECTOR

When unpacking and before disposing of the carton check there is no transportation damage before using the projector. Should there be any damage caused by transportation, consult your dealer and do not use the apparatus.

The projector is for indoor use only, IP20. Use only in dry locations. Keep this device away from rain and moisture, excessive heat, humidity and dust. Do not allow contact with water or any other liquids.

The projector is not designed or intended to be mounted directly on to inflammable surfaces.



The projector is only intended for installation, operation and maintenance by qualified personnel.

The projector must be installed in a location with adequate ventilation, at least 50cm from adjacent wall surfaces. Be sure that no ventilation slots are blocked.

Do not project the beam onto inflammable surfaces, minimum distance is 3m.

Avoid direct exposure to the light from the lamp. The light is harmful to the eye.

Do not attempt to dismantle and/or modify the projector in any way.

Electrical connection must only be carried out by qualified personnel.

Before installation, ensure that the voltage and frequency of power supply match the power requirements of the projector.

It is essential that each projector is correctly earthed and that electrical installation conforms to all relevant standards.

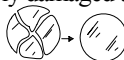
Do not connect this device to any other types of dimmer apparatus.

Make sure that the power-cord is never crimped or damaged by sharp edges. Never let the power-cord come into contact with other cables. Only handle the power-cord by the plug. Never pull out the plug by tugging the power-cord.

Keep the lamp clean. Do not touch the lamp glass with bare hand.

The projector should always be installed with a secondary safety fixing. A safety cord is supplied for this; it should be attached as shown in "installing the projector" section.

Shields and lens shall be changed if they have become visibly damaged to such an extent that their effectiveness is impaired, for example by cracks or deep scratches.



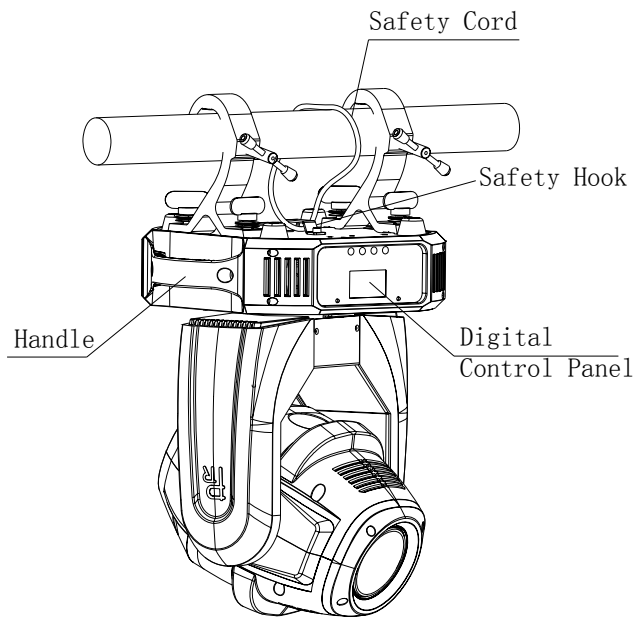
Exterior surface temperatures of the luminaire after 30 minutes operation is 70°C, when steady state is achieved 90°C,


There is no user serviceable parts inside the projector, do not open the housing and never operate the projector with the covers removed.

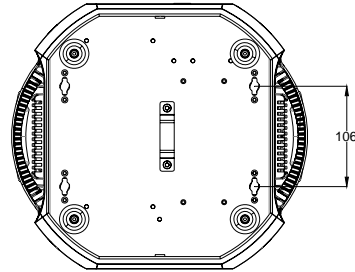
If you have any questions or suggestions, don't hesitate to consult your dealer or manufacturer

**Always disconnection from Power, when the device not in use or before cleaning or any maintenance work !**

## INSTALL THE PROJECTOR



 **WARNING**  
Please run safety cord  
through safety hook



Take 2 clamps and the safety cord out from the package and mount 2 clamps on the underside of fixture with 2 retainers attached to each clamp. Hang the fixture on the structure and fasten the screws attached to each clamp. (See the **WARNING** on the underside of the base as shown above) **To pass the SAFETY CORD through the HOLES for safety!** Always ensure that the projector is firmly anchored to avoid vibration and slipping whilst functioning. Always ensure that the structure that you are going to mount the projector to is secure and strong enough to support the weight of a XR 130 Beam

### **WARNING:**

- 1. The projector MUST be lifted or carried by the HANDLES instead of clamps.**
- 2. For safety the safety cord should afford 10 times the Projector's weight.**

## FITTING THE LAMP

Lock the yoke before fitting/replacing the lamp just as Shown by Figure 2, after Opening the head's cover of a projector by loosening 4 fastfit screws.

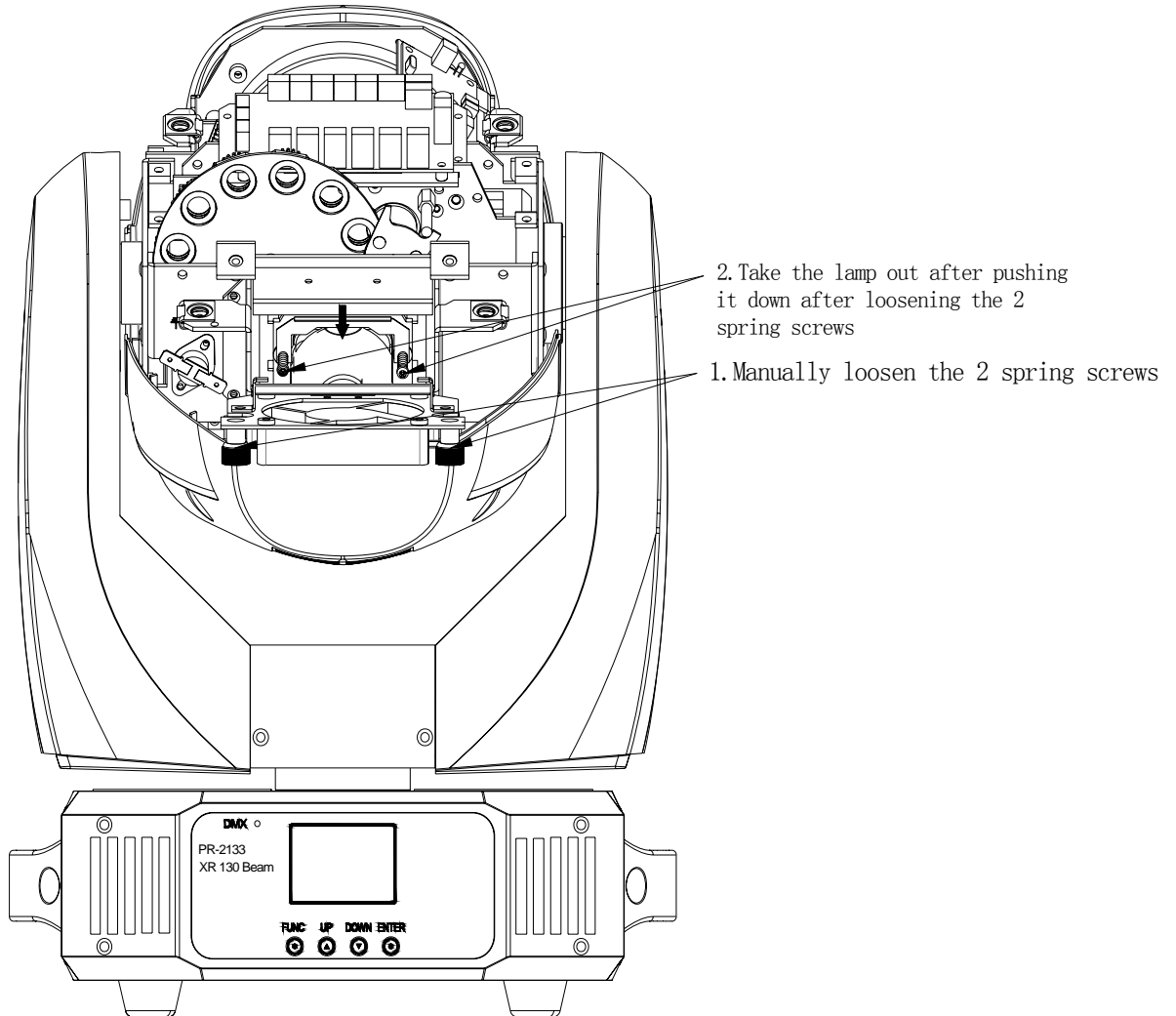
Pull out the lamp from the bottom of the head after rotating it anti-clockwise after holding the lamp's bottom.

Installation and removal are in reverse orders.

Tighten the 4 fastfit screws after the cover is installed.

**Note: don't touch the bulb of the new lamp with bare hands so as not to impair the beam output.**

**Important: Always read "Instructions for use" enclosed with the lamp.**



## POWER SUPPLY-MAINS

Connect the power cord as follows:

- L (live) =brown
- E (earth) =yellow/green
- N (neutral) =blue

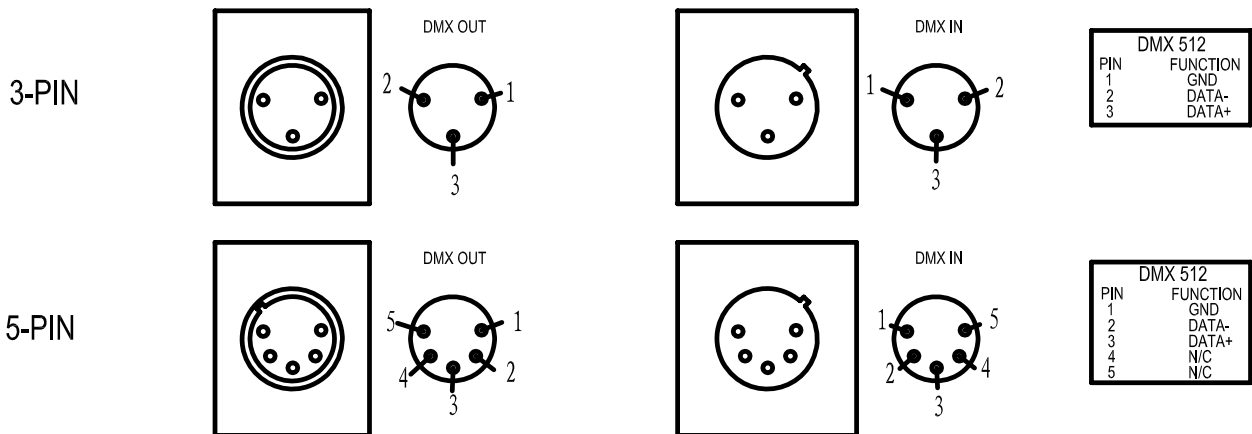
Before connection with mains power, make sure that the voltage and frequency marked on the rating plate of the projector match what are supplied. It is recommended that each projector be supplied separately so that they may be individually switched on and off.

NOTE: If the fixtures' power outputs and inputs are connected in series, please connect the first fixture's power input with the external power supply, and connect its power output with the second fixture's input and so on till all the fixtures are connected. If the supplied voltage is 200V~240V, the maximum number of fixtures connected is 10pcs. If it is 100V~120V, the maximum is 8pcs. The diameters of the wires for the power input and output cables must be equal or bigger than 2.5 mm<sup>2</sup>.

### IMPORTANT

It is essential that each projector is correctly earthed(yellow/green twin wire) and the electrical installation conforms to all relevant standards.

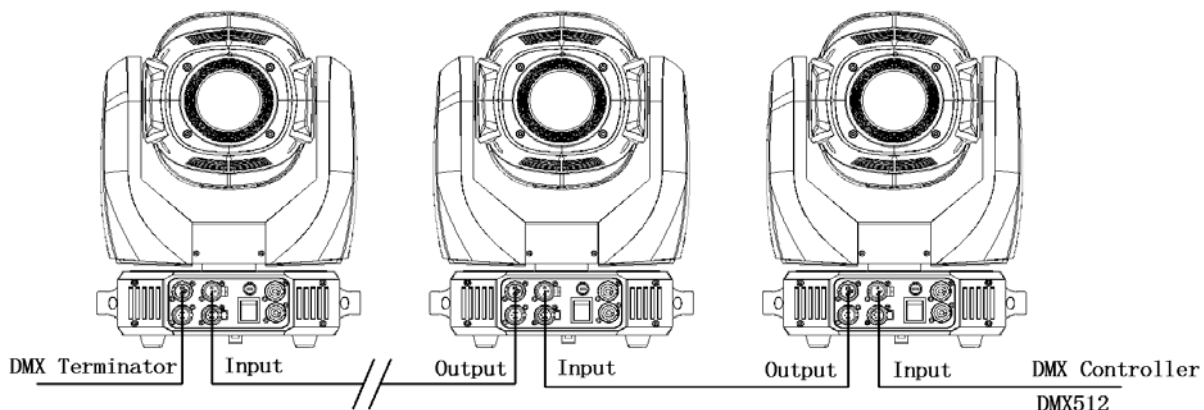
## CONTROL CONNECTION



Connection between controller and projector and between one projector and another must be made with a twin-screened cable, with each wire having at least a 0.5mm in diameter. Connection to and from the projector is via cannon 5 pin (which are included with the projector) or 5 pin XLR plugs and sockets. The XLR's are connected as shown in the figure above.

Note: care should be taken to ensure that none of the pins touch the metallic body of the plug or each other. XLR plugs and sockets mustn't be connected in any way other than mentioned in the above figure. The XR 130 Beam accepts digital control signals in protocol DMX512 (1990).

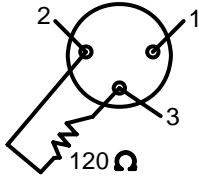
Connect the controller's DMX output to the first fixture's DMX input, and connect the first fixture's DMX output to the second fixture's DMX input and connect the rest fixtures in the same way. Eventually connect the last fixture's DMX output to a DMX terminator as shown in the figure below.



## DMX TERMINATOR

In the Controller mode, at the last fixture in the chain, the DMX output has to be connected with a DMX terminator. This prevents electrical noise from disturbing and corrupting the DMX control signals.

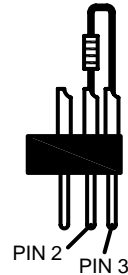
The DMX terminator is simply an XLR connector with a 120Ω (ohm) resistor connected across pins 2 and 3, which is then plugged into the output socket on the last projector in the chain. The connections are illustrated below.



### DMX TERMINATOR

#### CONNECTION

Connect a 120Ω(OHM) resistor across pins 2 and 3 in an XLR plug and insert into the DMX out socket on the last unit in the chain.



## SETUP OPTIONS-PROJECTOR CONFIGURATION

Projector configuration can be set conveniently via push button and LCD display.

Launch the projector and press button **ENTER** for more than 5 seconds to unlock the panel, the LCD will show the function menu of the projector, each main menu has its submenus and each submenu has a specific function. For details, please see the “OPERATION MENU” section.

Press button **UP** or **DOWN** if you want to browse through the various Setup Options.

Press button **ENTER** to save your settings or enter the submenu.

Press button **UP** or **DOWN** to change values(plus or minus)

Press button **FUNC**, it will return to the upper menu. If button **FUNC** not pressed, the default will show display status automatically.

## TO SET THE DMX START ADDRESS

Each XR 130 Beam must be given a DMX start address so that the correct projector responds to the correct control signals. This DMX start address is the channel number from which the projector starts to “listen” to the digital control information being sent out from the controller. The XR 130 Beam has 2 DMX modes. There are standard and short modes. For example standard mode has 16channels, so set the No. 1 projector’s address 001, No. 2 projector’s address 017, No. 3 projector’s address 033, and No. 4 projector’s address is 049, and so on.

Launch the projector. Press button **ENTER** more than 5 seconds to unlock panel.

Press button **ENTER** to display DMX address;

Press button **UP** and **DOWN**, you can set the address;

Press button **ENTER** to confirm; after powered on next time, the default will be last value saved

Press button **FUNC**, it will return to the upper menu.

# OPERATION MENU

| First Menu      | Secondary Menu                          | Third Menu                             | Fourth Menu |
|-----------------|---|--|-------------|
| DMX Address     | XXX<br>(XXX:1~497)                      | Short 1~501<br>Standard 1~497          |             |
| Reset           | Are You Sure                            |  |             |
| Config Settings | DMX Channel Mode<br>(Default: Standard) | Standard16                             |             |
|                 |   | Short 12                               |             |
|                 | Loss of DMX                             | When DMX is Lost<br>Normal Time out    |             |
|                 |   | When DMX is Lost<br>Hold Last value    |             |
|                 | Lamp Control                            | By Control Channel                     |             |
|                 |   | By Power On                            |             |
|                 |   | By DMX Present                         |             |
|                 | Pan Calibration                         | 0~127                                  |             |
|                 | Tilt Calibration                        | 0~127                                  |             |
|                 | Parameter Transm                        | YES                                    |             |
|                 | Factory Settings                        | YES                                    |             |
| Option Settings | Color Wheel Positions                   | Color Positions<br>Steeped             |             |
|                 |   | Color Positions<br>Linear              |             |
|                 | Pan DMX Invert                          | Pan DMX Invert<br>OFF                  |             |
|                 |   | Pan DMX Invert<br>ON                   |             |
|                 | Tilt DMX Invert                         | Tilt DMX Invert<br>OFF                 |             |
|                 |   | Tilt DMX Invert<br>ON                  |             |
|                 | Pan Tilt Swap                           | Pan Tilt Swap<br>OFF                   |             |
|                 |   | Pan Tilt Swap<br>ON                    |             |
|                 | Dimmer Invert                           | Dimmer Invert<br>OFF                   |             |
|                 |   | Dimmer Invert<br>ON                    |             |
|                 | Pan Angle Range                         | 360 / 720                              |             |
|                 | Defaults                                | YES                                    |             |
| Display Options | Language                                | English                                |             |
|                 |   | Chinese                                |             |
|                 | Display Mode                            | Display<br>On Always                   |             |
|                 |   | Display<br>Off After Delay             |             |
|                 | Display Invert                          | Display Invert<br>OFF                  |             |
|                 |   | Display Invert<br>ON                   |             |
|                 | Display Dimming                         | 1~10                                   |             |
|                 | Display Contrast                        | Display Contrast<br>XX(1~18),default 9 |             |

|                                |                          |                                  |                         |                               |
|--------------------------------|--------------------------|----------------------------------|-------------------------|-------------------------------|
| Information                    | Lamp Hours               | Hours: xx                        |                         |                               |
|                                | Reset Lamp Hours         | Are You Sure                     |                         |                               |
|                                | Total Hours              | Hours: xx                        |                         |                               |
|                                | Temperature              | Temperature<br>XX℃               |                         |                               |
|                                | Software Version         | Display Board                    | Display Board=<br>X.X.X |                               |
|                                |                          | Fan Board                        | Fan Board=<br>X.X.X     |                               |
|                                | View DMX Values          | DMX Channel<br>1=XXX             |                         |                               |
|                                | Electronic SN            | Electronic SN=<br>*****          |                         |                               |
| Test Modes                     | Self Test                | Yes                              |                         |                               |
| Lamp Manual Control            | Turn Lamp On             | Yes                              |                         |                               |
|                                | Turn Lamp Off            | Yes                              |                         |                               |
| Wireless Options<br>(Optional) | Wireless Mode            | Wireless Mode<br>XLR First       |                         |                               |
|                                |                          | Wireless Mode<br>Wireless First  |                         |                               |
|                                |                          | Wireless Mode<br>Wireless Only   |                         |                               |
|                                |                          | Wireless Mode<br>XLR Only        |                         |                               |
|                                |                          | Wireless Mode<br>Wireless To XLR |                         |                               |
|                                | Un-Link Wireless         | YES                              |                         |                               |
| Operation Mode                 | DMX Mode                 | YES                              |                         |                               |
|                                | Master Mode              | Preset Memory                    | YES                     |                               |
|                                |                          | User Memory                      | YES                     |                               |
|                                |                          | Slave Mode                       | Memory Edit             | Static Scene<br>(1~16 scenes) |
|                                | Dimmer                   |                                  |                         |                               |
|                                | Color wheel              |                                  |                         |                               |
|                                | Rotating<br>Gobo Wheel   |                                  |                         |                               |
|                                | Gobo<br>Rotation         |                                  |                         |                               |
|                                | Effect Wheel<br>Settings |                                  |                         |                               |
|                                | Prism<br>Rotation        |                                  |                         |                               |
|                                | Focus                    |                                  |                         |                               |
|                                | Pan Location             |                                  |                         |                               |
|                                | Pan                      |                                  |                         |                               |
|                                | Tilt Location            |                                  |                         |                               |
|                                | P&T Speeds               |                                  |                         |                               |
| Hold Time                      |                          |                                  |                         |                               |

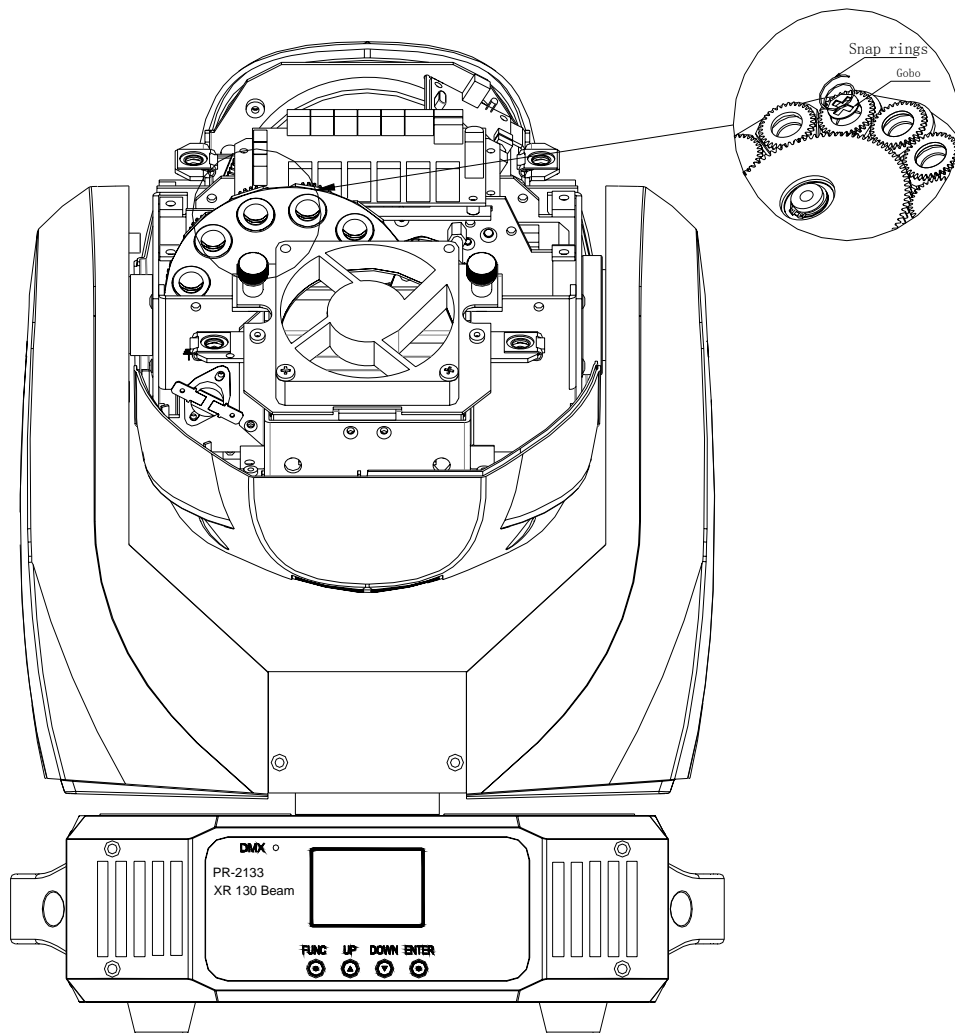
## ERROR MESSAGES

In the course of launch, Projector examines automatically whether there are errors and if there are, it will display information as follows:

|                 |  |
|-----------------|--|
| Head Fan 1 Fail |  |
| Head Fan 2 Fail |  |

## REPLACING GOBOS

Disconnect from power ,loosen 4 fastfit screws of the side cover, and open the cover as shown by the figure below.  
Replace an old gobo of the rotating gobo wheel with a new gobo.  
Tighten the 4 fastfit screws after the side cover is put back.



## DMX PROTOCOL

| Short mode | Standard mode | Extended Mode | FUNCTION            | DMX     | DESCRIPTION                                 |
|------------|---------------|---------------|---------------------|---------|---|
| 1          | 1             |               | Strobe              | 000-010 | Close                                       |
|            |               |               |                     | 011-025 | Open  |
|            |               |               |                     | 026-225 | Strobe speed from slow to fast              |
|            |               |               |                     | 226-239 | Macro 1                                     |
|            |               |               |                     | 240-241 | Macro 2                                     |
|            |               |               |                     | 242-246 | Macro 3                                     |
|            |               |               |                     | 247-255 | Open  |
| 2          | 2             |               | Dimmer              | 000-255 | Linear dimming                              |
| 3          | 3             |               | Color Wheel         | 000-008 | White                                       |
|            |               |               |                     | 009-016 | Color 1                                     |
|            |               |               |                     | 017-024 | Color 2                                     |
|            |               |               |                     | 025-032 | Color 3                                     |
|            |               |               |                     | 033-040 | Color 4                                     |
|            |               |               |                     | 041-048 | Color 5                                     |
|            |               |               |                     | 049-056 | Color 6                                     |
|            |               |               |                     | 057-064 | Color 7                                     |
|            |               |               |                     | 065-073 | Color 8                                     |
|            |               |               |                     | 074-082 | Color 9                                     |
|            |               |               |                     | 083-091 | Color10                                     |
|            |               |               |                     | 092-100 | Color11                                     |
|            |               |               |                     | 101-109 | Color12                                     |
|            |               |               |                     | 110-118 | Color13                                     |
|            |               |               |                     | 119-127 | CTO   |
|            |               |               |                     | 128-191 | Rotation ,Clockwise from slow to fast       |
|            |               |               |                     | 192-255 | Rotation, Anti-clockwise from slow to fast  |
| 4          | 4             |               | Rotating Gobo Wheel | 000-017 | White                                       |
|            |               |               |                     | 018-027 | Gobo 1                                      |
|            |               |               |                     | 028-037 | Gobo 2                                      |
|            |               |               |                     | 038-047 | Gobo 3                                      |
|            |               |               |                     | 048-057 | Gobo 4                                      |
|            |               |               |                     | 058-067 | Gobo 5                                      |
|            |               |               |                     | 068-077 | Gobo 6                                      |
|            |               |               |                     | 078-087 | Gobo 7                                      |
|            |               |               |                     | 088-097 | Gobo 8                                      |
|            |               |               |                     | 098-107 | Gobo 9                                      |
|            |               |               |                     | 108-117 | Gobo 10                                     |
|            |               |               |                     | 118-127 | Gobo 11                                     |
|            |               |               |                     | 128-147 | Rotation (Clockwise From slow to Fast)      |
|            |               |               |                     | 148-167 | Rotation (Anti-clockwise From slow to Fast) |
|            |               |               |                     | 168-175 | Shake of Gobo 1 from slow to fast           |

|    |    |  |                    |         |   |
|----|----|--|--------------------|---------|---|
|    |    |  |                    | 176-183 | Shake of Gobo 2 from slow to fast           |
|    |    |  |                    | 184-291 | Shake of Gobo 3 from slow to fast           |
|    |    |  |                    | 192-199 | Shake of Gobo 4 from slow to fast           |
|    |    |  |                    | 200-207 | Shake of Gobo 5 from slow to fast           |
|    |    |  |                    | 208-215 | Shake of Gobo 6 from slow to fast           |
|    |    |  |                    | 216-223 | Shake of Gobo 7 from slow to fast           |
|    |    |  |                    | 224-231 | Shake of Gobo 8 from slow to fast           |
|    |    |  |                    | 232-239 | Shake of Gobo 9 from slow to fast           |
|    |    |  |                    | 240-247 | Shake of Gobo 10 from slow to fast          |
|    |    |  |                    | 248-255 | Shake of Gobo 11 from slow to fast          |
| 5  | 5  |  | Gobo Rotation      | 000-128 | Gobo Indexing (0°-540°)                     |
|    |    |  |                    | 129-188 | Rotation (Clockwise From slow to Fast)      |
|    |    |  |                    | 189-195 | Stop  |
|    |    |  |                    | 196-255 | Rotation (Anti-Clockwise From slow to Fast) |
|    | 6  |  | Gobo Rotation Fine | 000-255 | Gobo Rotation in 16 Bit                     |
| 6  | 7  |  | Effect Wheel       | 000-063 | White                                       |
|    |    |  |                    | 064-127 | Prism                                       |
|    |    |  |                    | 128-191 | Deep Frost                                  |
|    |    |  |                    | 192-255 | Light Frost                                 |
| 7  | 8  |  | Prism Rotation     | 000-128 | Stop  |
|    |    |  |                    | 129-191 | Rotation(Clockwise from slow to fast)       |
|    |    |  |                    | 192     | Stop  |
|    |    |  |                    | 193-255 | Rotation(Anti- Clockwise from slow to fast) |
| 8  | 9  |  | Focus              | 000-255 | Linear Focusing                             |
| 9  | 10 |  | Pan                | 000-255 | Pan(0°~720°)                                |
|    | 11 |  | Pan Fine           | 000-255 | Pan in 16 bit precision                     |
| 10 | 12 |  | Continuous Pan     | 000-127 | Stop  |
|    |    |  |                    | 128-191 | Rotation (Clockwise From slow to Fast)      |
|    |    |  |                    | 192-255 | Rotation (Anti-Clockwise From slow to Fast) |
| 11 | 13 |  | Tilt               | 000-255 | Tilt(0°~270°)                               |
|    | 14 |  | Tilt Fine          | 000-255 | Tilt in 16 bit precision                    |
|    | 15 |  | Pan & Tilt Speeds  | 000-255 | Pan & Tilt Speed from Fast to Slow          |
| 12 | 16 |  | Control            | 000-047 | Reserved                                    |
|    |    |  |                    | 048-080 | Reset                                       |
|    |    |  |                    | 081-112 | Reserved                                    |
|    |    |  |                    | 113-144 | Lamp Off ( Delay for 3 s)                   |
|    |    |  |                    | 145-168 | Reserved                                    |
|    |    |  |                    | 169-200 | Lamp Full Power                             |
|    |    |  |                    | 201-223 | Reserved                                    |
|    |    |  |                    | 224-255 | Lamp Full Power                             |

**Remark:**

If you intend to turn on/off the lamp via the last channel of the controller, don't attempt to push the channel to value 224-255 immediately after turning it off, or push the slide bar to value 224-255 to wait it cooling. Under these 2 circumstances, the lamp can not be turned on. The right operation is: turn it off—cool down—push the slide bar to turn it on.

## LED INDICATION

|                      |       |   |
|----------------------|-------|---|
| Green LED indication | On    | DMX signal OK   |
|                      | Off   | No DMX signal   |
|                      | Flash | DMX signal error                                      |
| Blue LED indication  | On    | Wireless Signal OK                                    |
|                      | Off   | Not linked with any transmitters                      |
|                      | Flash | Loss of connection or being linked with a transmitter |

## MAINTENANCE

If the projector's lens becomes damaged or broken it should be replaced. If the lamp becomes damaged or deformed in any way it must be replaced. If the light from the lamp appears dim this would normally indicate that it is reaching the end of its life and it should be changed at once, aged lamps run to the extremity of their life might explode. If the projector does not function, check the fuses on the power socket of the projector, they should only be replaced by fuses of the same specification. The projector has overheat protection device that will switch off the projector in case of overheating. Should it happen, check if the fans are blocked or not, or if they are dirty, clean them before switching on the projector again.

**Any maintenance work should only be carried out by qualified technicians.**

## LUBRICATION

To ensure the smooth rotation of the rotating gobos and movement of the lens for focusing, it is recommended that the bearings for the rotating gobos and the 2 sliding tracks for the focusing lens holder be lubricated every two months. Use only high quality, high-temperature grease.

## KEEPING THE PROJECTOR CLEAN

To ensure the reliability of the projector it should be kept clean. It is recommended that the fans should be cleaned every 15 days. The lens and dichroic colour filters should also be regularly cleaned to maintain an optimum light output. **Do NOT use any type of solvent containing chemical elements on dichroic colour filters.**

Cleaning frequency depends on the environment in which the fixture operates. A soft cloth and typical glass cleaning products should be used in cleaning. It is recommended to clean the external optics at least once every 20 days and clean the internal optics at least once every 30 / 60 days.

**Do not use any organic solvent, e.g. alcohol, to clean the reflector mirror, dichroic colour filters or housing of the apparatus.**

## TROUBLESHOOTING

| PROBLEM  | ACTION   |
|--|--|
| The projector doesn't switch on                                    | <ul style="list-style-type: none"> <li>➤ Check the fuse on the power socket.</li> <li>➤ Check the lamp.</li> </ul>   |
| The lamp is on but the projector doesn't respond to the controller | <ul style="list-style-type: none"> <li>➤ Make sure that the fixture's start address is right</li> <li>➤ Replace or repair the XLR signal cable.</li> </ul> |
| The projector functions intermittently                             | <ul style="list-style-type: none"> <li>➤ Make sure the fan is working well or fans and their shields are not blocked</li> </ul>                            |
| Beam appears dim, Low in brightness                                | <ul style="list-style-type: none"> <li>➤ Make sure the lamp is within its lifespan</li> <li>➤ Remove dust or grease from the lenses.</li> </ul>            |
| The project image appears to have a halo                           | <ul style="list-style-type: none"> <li>➤ Carefully clean the lamp, optical lenses and other components.</li> </ul>   |
| Heavily Defective Beam   | <ul style="list-style-type: none"> <li>➤ Check if lens are in good condition(not cracked)</li> <li>➤ Clean dust or grease on the lens.</li> </ul>          |

## TECHNICAL DATA

### **VOLTAGES:**

100V~240V AC, 50/60Hz

### **POWER CONSUMPTION:**

240W@220V

### **LAMP:**

|                               |                 |
|-------------------------------|-----------------|
| OSRAM                         | SIRIUS HRI 132W |
| Colour Temperature            | 8800K           |
| Manufacturers Rated Lamp Life | 6000hours       |

### **COLOURS:**

1 Color Wheel:13colors +CTO+white  
Optional Stepping/linear color changing

### **ROTATING GOBO WHEEL**

1Rotating Gobo Wheel: 11 gobos(8pcs rotatable)+ white  
Shake effects with variable speeds, bi-directional wheel scrolling at variable speeds  
Gobos replaceable  
Gobos' outer size:  $\varnothing$  11.8mm  
Gobos' Image size:  $\varnothing$  6mm

### **EFFECT WHEEL :**

1pc,8-facet rotating Prism(bi-directional with variable speeds)+ 1Deep Frost filter +1light Frost filter+White

### **FOCUS:**

Linear focusing

### **DIMMER:**

linearly adjustable

### **STROBE:**

Double shutter blades, 0.3~25 F.P.S with macros

### **HEAD MOVEMENT:**

Continuous Pan movement, Tilt 270° with auto position correction

### **BEAM ANGLE:**

0°~ 3°

**CONTROL:**

DMX512, 3-pin and 5-pin interfaces

RDM Protocol

12 channels in short mode, 16channels in standard mode

Self-test mode

**OTHER FUNCTIONS:**

Adjustable Pan & Tilt speed

The display for the fixture's and the lamp's hours respectively

English and Chinese LCD display with its brightness and contrast adjustable

Energy saving ballast

Auto-Diagnosis by Sensors

Isolated Input DMX signal

Modular Structure for easy maintenance

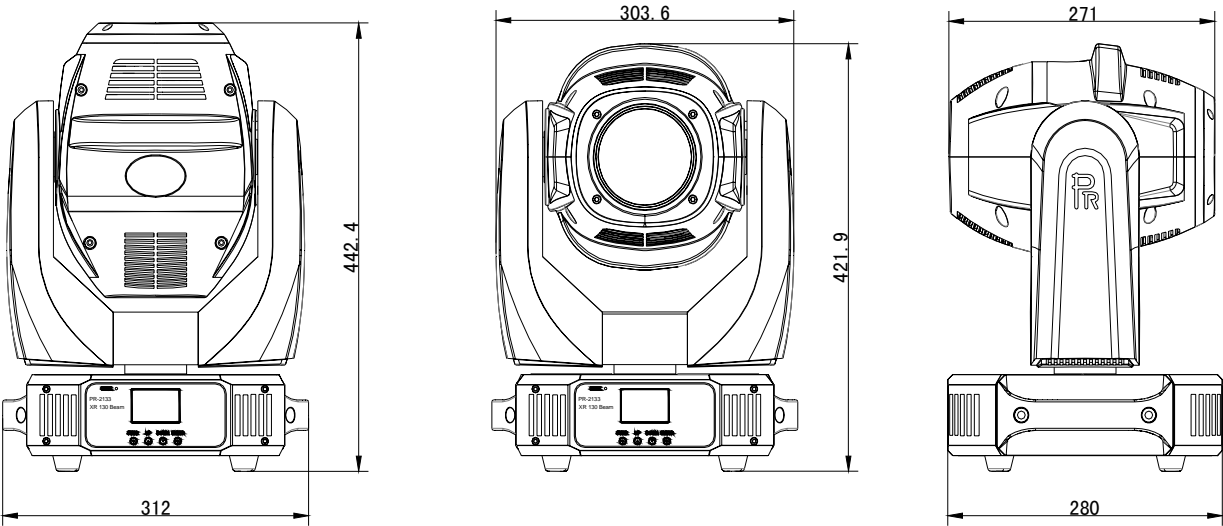
**HOUSING:**

High temperature ABS, IP20

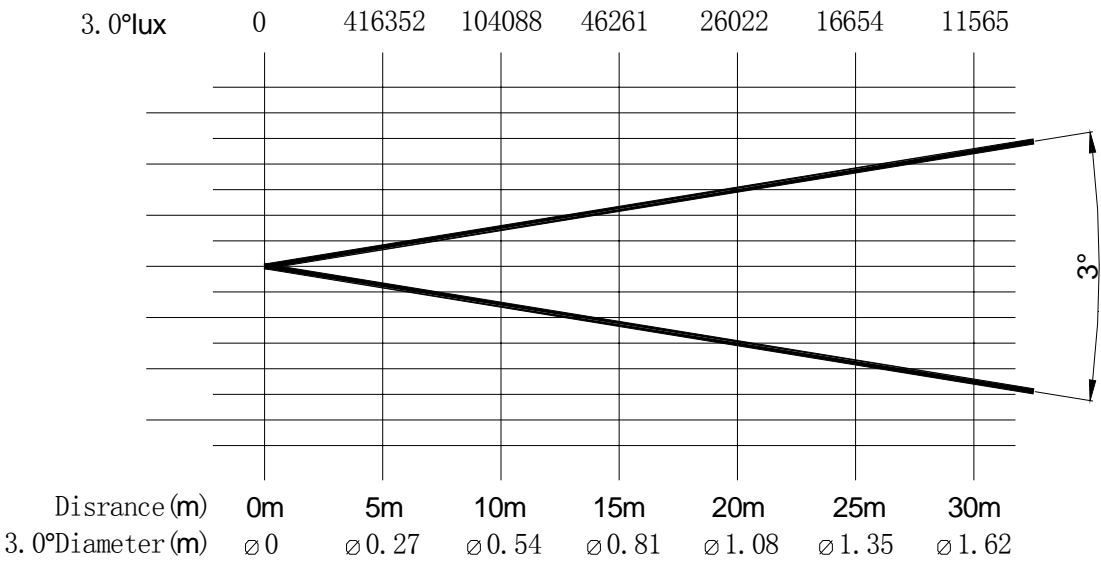
**NET WEIGHT:**

13.2Kg

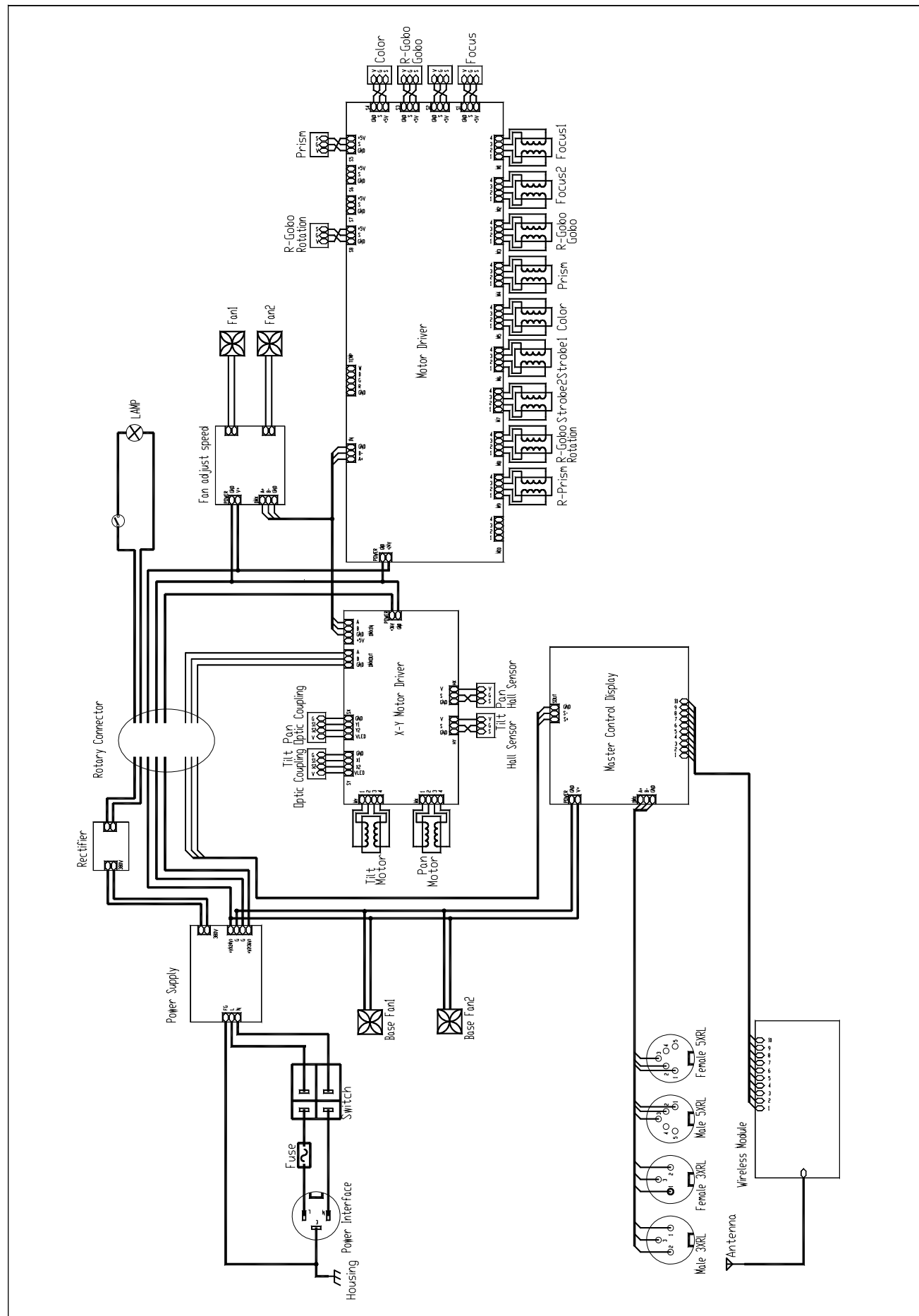
SIZES:



LIGHT OUT:



Electrical Diagram:



## Component Order Code

| NAME                          | PART NO.   | QUANTITY | REMARK |
|-------------------------------|------------|----------|--------|
| PAN MOTOR                     | 030040174  | 2        |        |
| TILT MOTOR                    |            |          |        |
| STROBE MOTOR                  | 030040220  | 3        |        |
| COLOR WHEEL MOTOR             |            |          |        |
| ROTATING GOBO WHEEL MOTOR     | 030040222  | 1        |        |
| GOBO ROTATION MOTOR           | 030040236  | 2        |        |
| PRISM ROTATION MOTOR          |            |          |        |
| EFFECT WHEEL MOTOR            | 030040154  | 1        |        |
| FOCUS MOTOR                   | 030040116  | 2        |        |
| TURBO- FAN                    | 030060072  | 1        |        |
| LAMP FAN                      | 030060055  | 1        |        |
| FAN IN BASE BOX               | 030060069  | 2        |        |
| ELECTRONIC BALLAST OSRAM      | 040070120  | 1        |        |
| LAMP OSRAM                    | 100070036  | 1        |        |
| ROTATING GOBO WHEEL ACCESSORY | 120110685  | 1        |        |
| COLOR WHEEL ACCESSORY         | 120110663  | 1        |        |
| EFFECT WHEEL ACCESSORY        | 1120110684 | 1        |        |
| POWER SWITCH                  | 190010185  | 1        |        |
| THERMAL SENSOR                | 190010171  | 1        |        |
| PAN / TILT DRIVER BOARD       | 230060356  | 1        |        |
| LCD MASTER BOARD              | 230060357  | 1        |        |
| FAN DRIVER BOARD              | 230060358  | 1        |        |
| MOTOR DRIVER BOARD            | 230060359  | 1        |        |
| TILT BELT                     | 290151389  | 1        |        |
| PAN BELT                      | 290151390  | 1        |        |
| EFFECT WHEEL IN/OUT BELT      | 290151396  | 1        |        |
| GOBO ROTATION BELT            | 290151409  | 1        |        |
| FOCUS BELT                    | 290151410  | 2        |        |
| PRISM ROTATION BELT           | 290151411  | 1        |        |
| PRISM IN/OUT BELT             | 290151412  | 1        |        |



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P/N: 320020264  
Version: 20150127 (Preliminary)